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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/757,798	01/15/2004	Angela Hurst Adams	031599/268440	5466

826 7590 09/09/2005

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EXAMINER
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AHMAD, NASSER

ART UNIT	PAPER NUMBER
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1772

DATE MAILED: 09/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/757,798

Applicant(s)

ADAMS, ANGELA HURST

Examiner

Nasser Ahmad

Art Unit

1772

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 22 and 23 is/are allowed.
- 6) ☒ Claim(s) 1-10, 24, 25, 27-29 and 31 is/are rejected.
- 7) ☒ Claim(s) 11-21, 26 and 30 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>5/27/05</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Election/Restrictions***

1. Upon further review of the claimed subject matter, the restriction requirement made over the telephone on August 24, 2005 is being withdrawn. All claims have been examined and a complete action on the merits of the all the claims follows:

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 110, 24-25, 27-29 and 31 are rejected under 35 U.S.C. 102(b) as being anticipated by Weirauch (5996927 or 5692699).

Weirauch'927 relates to a mechanism for winding and splicing a web onto a core. The mechanism comprises a core component (10), a web component (1) having a tail portion (10') and a leading portion (11) with adhesive (2) (figures-5A and 5B). The core component comprises a free end portion (10'') joined to the core-attaching portion and extend out from the core and at least one end portion of the free end portion forming a release surface (10 in figures 5A and 5B). Figure-5A shows that the adhesive (2) at the leading end portion is completely covered by the free end portion. The core attaching portion includes an adhesive layer (41). The web component can be a splicing tape as it has adhesive disposed on one side thereof. Figure-5B shows that the web portion has a

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release liner (10) over the tail portion. The adhesive on the core component is double-sided (41) as it adheres to one the substrate by one side and the other side faces away from the substrate. The release liner (10 in figure-5B) is directed to cover the double-sided adhesive (41).

The intended use phrases such as "to aid", "arranged to attach", "when the winding tension", etc. have not been given any patentable weigh as said phrase are not found to be of positive limitations.

The reference teaches a method of splicing a web comprising unwinding the web and splicing the leading end of a second web to the tail of the first web by the web component of the two-component mechanism.

The reference also teaches a method of winding a web to a core by using the two-component mechanism.

An assembly comprise a winding core (figure-4) having a cylindrical outer surface and a core component attached to the outer surface of the winding core and a splicing tape disposed on one side thereof.

Similarly, Weirauch'699 also teaches the winding and splicing mechanism structure as discussed above.

#### ***Allowable Subject Matter***

4. Claims 22-23 are allowed.

The prior art uncovered so far fails to teach tha the core component comprises a substrate having an upper surface and a lower surface , a release material is disposed

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on the upper surface and a portion of the substrate is folded along a fold line such that the free end portion comprises two layers of the substrate and the core attaching portion comprises one layer of the substrate, the layer of release material forming both opposite surfaces of the free end portion.

5. Claims 11-21, 26 and 30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art uncovered so far fails to teach the core component comprises a substrate with a layer of release material disposed on its upper surface and a portion of the substrate being folded along a fold line such that the free end comprises two layers of the substrate, while the core attaching portion comprises one layer of the substrate (claim 11); that the splicing tape having its leading portion folded beneath the tail portion (claim 17); that the web component includes a splice detectable sensor (claim 20); a method of unwinding an splicing (claim 26) using the structure of claim 11; or that the end region of the free end portion of the substrate is folded beneath the remainder of the free end portion and the splicing tape is releasably adhered to the end region.

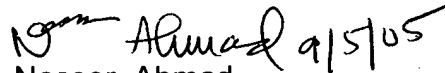
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nasser Ahmad whose telephone number is 571-272-1487. The examiner can normally be reached on 7:30 AM to 5:00 PM, and on alternate Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon can be reached on 571-272-1498. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Nasser Ahmad  
Primary Examiner  
Art Unit 1772

N. Ahmad.  
September 5, 2005.